0404507 .0404

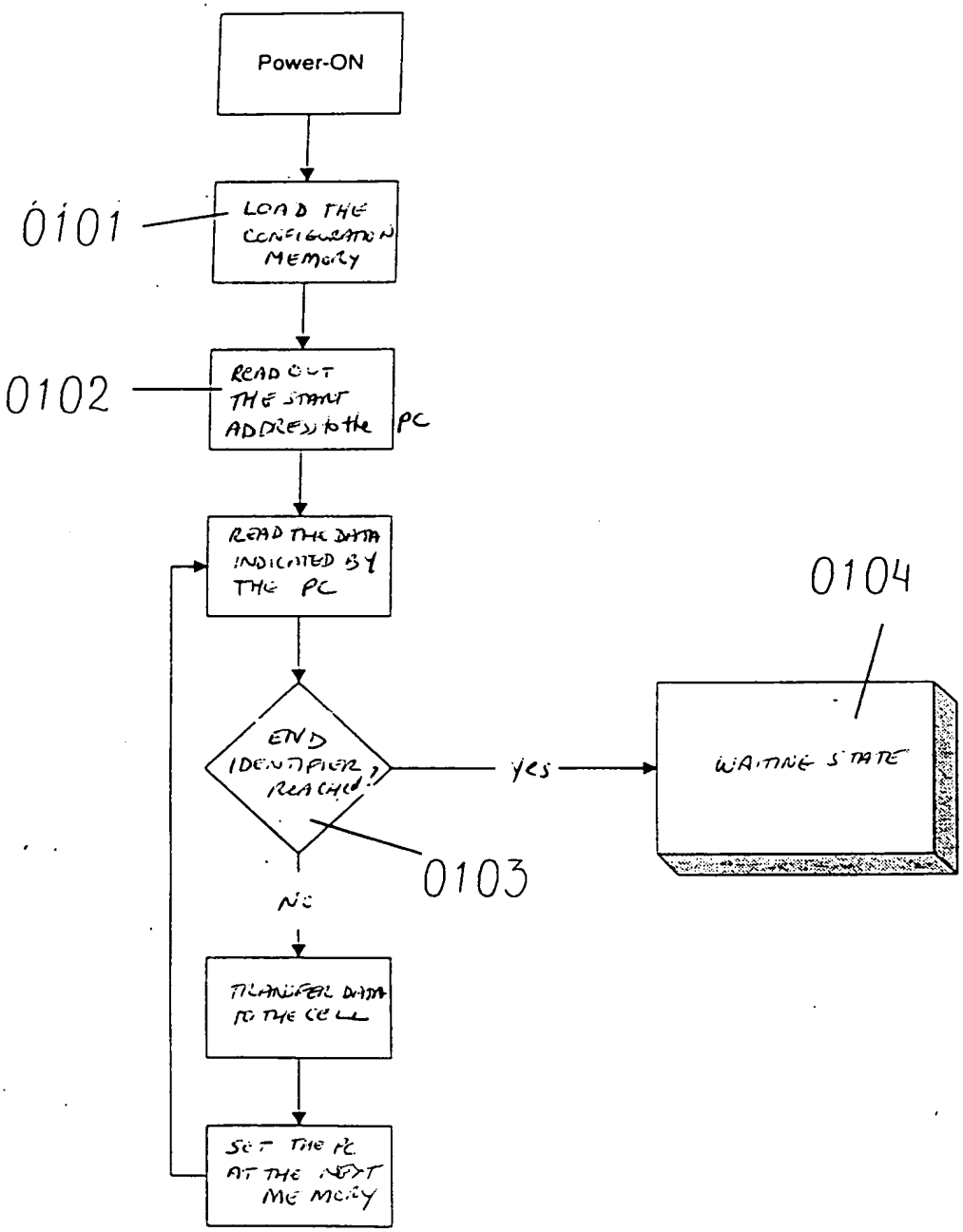

Fig. 1

0040459 - 040400

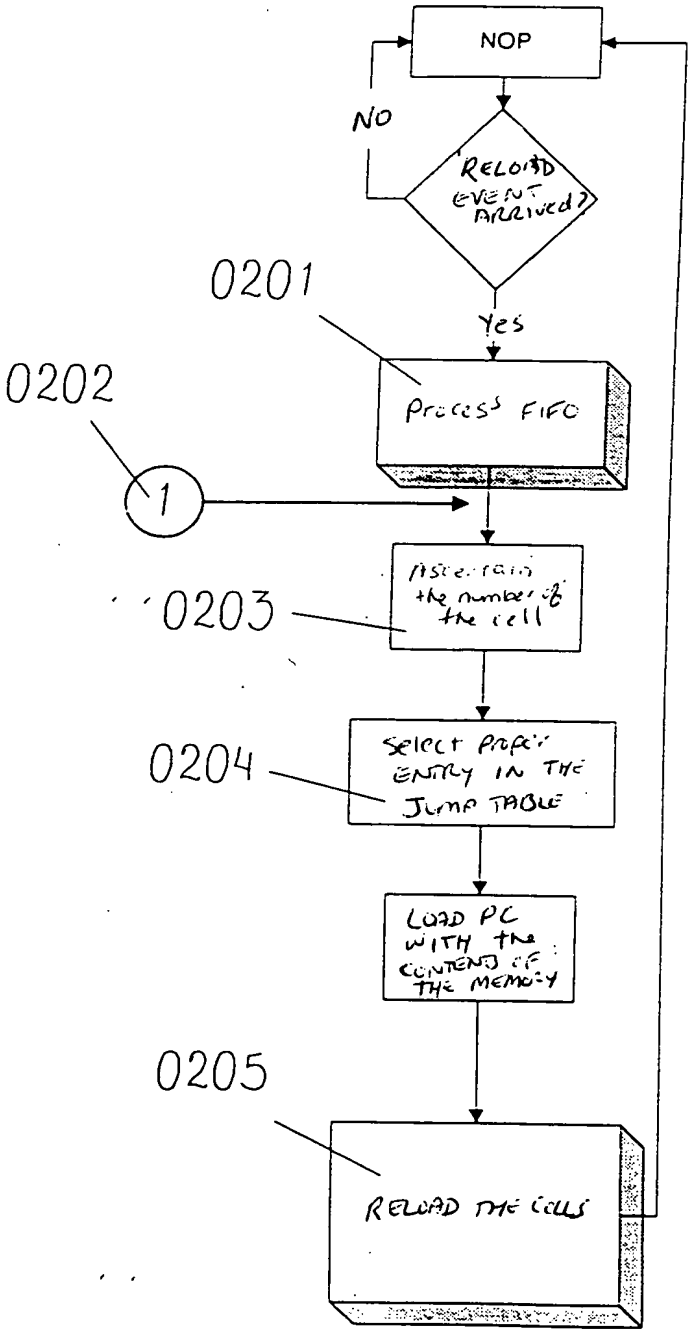

Fig. 2

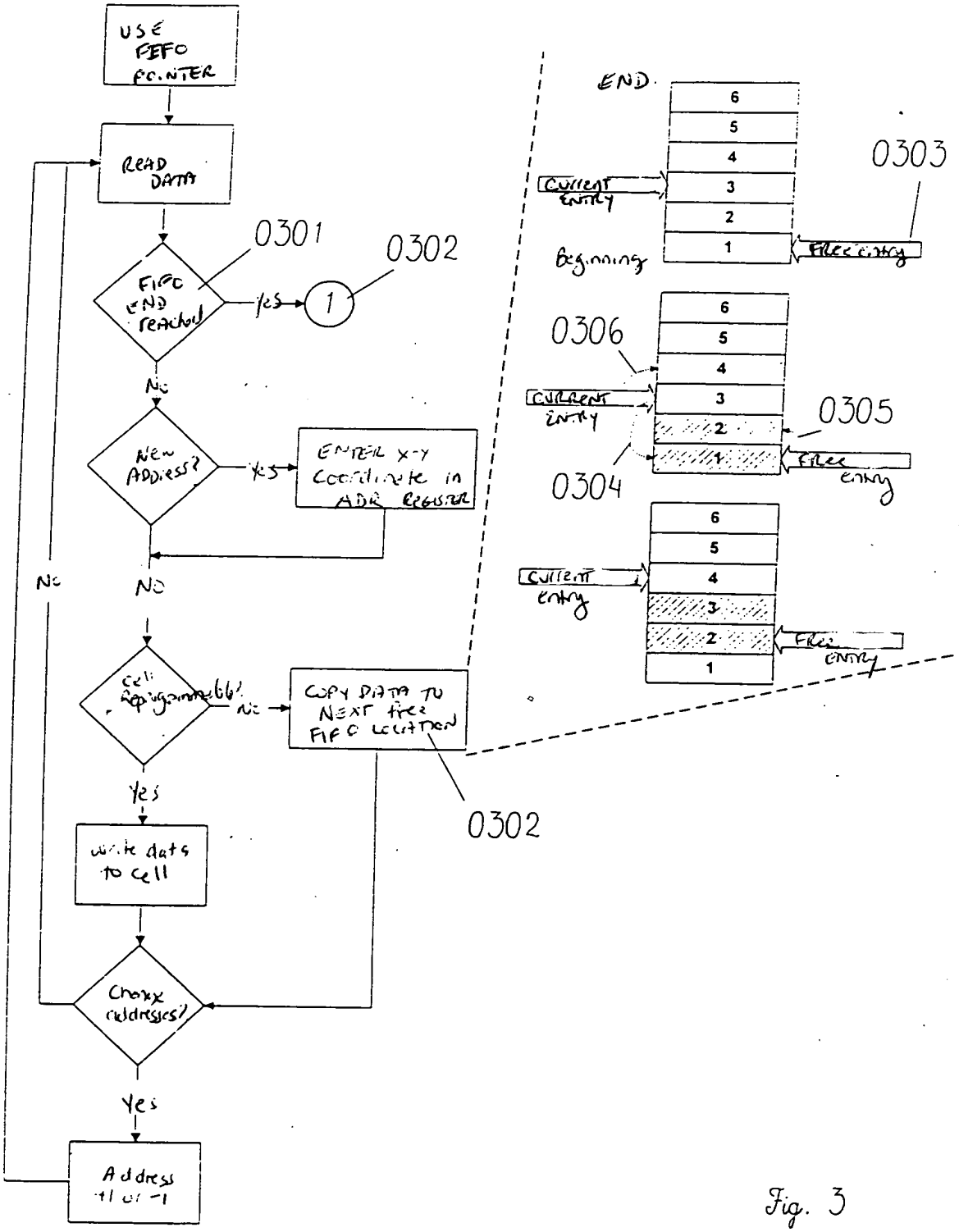

Fig. 3

09454790 - 050704

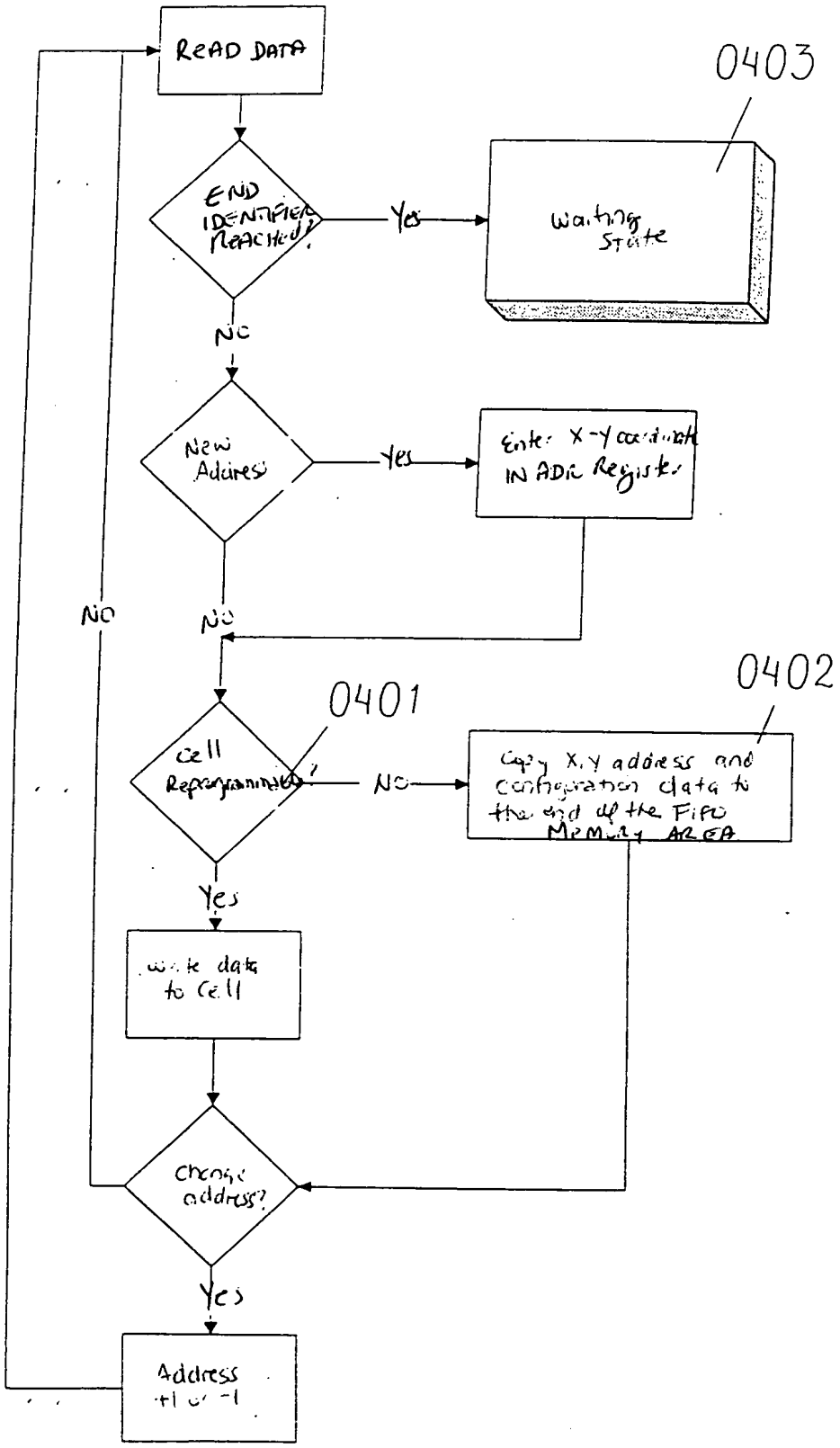
READ DATA
END IDENTIFIER REACHED?
Yes
Waiting State
0403
NO
New Address
Yes
Enter X-Y coordinate IN ADC Register
NO
NO
0401
0402
Cell Reprogrammed?
NO
Copy X,Y address and configuration data to the end of the FIFO MEMORY AREA
Yes
write data to Cell
change address?
Yes
Address +1 or -1

Fig. 4

DOCKET NO. 0545-0130

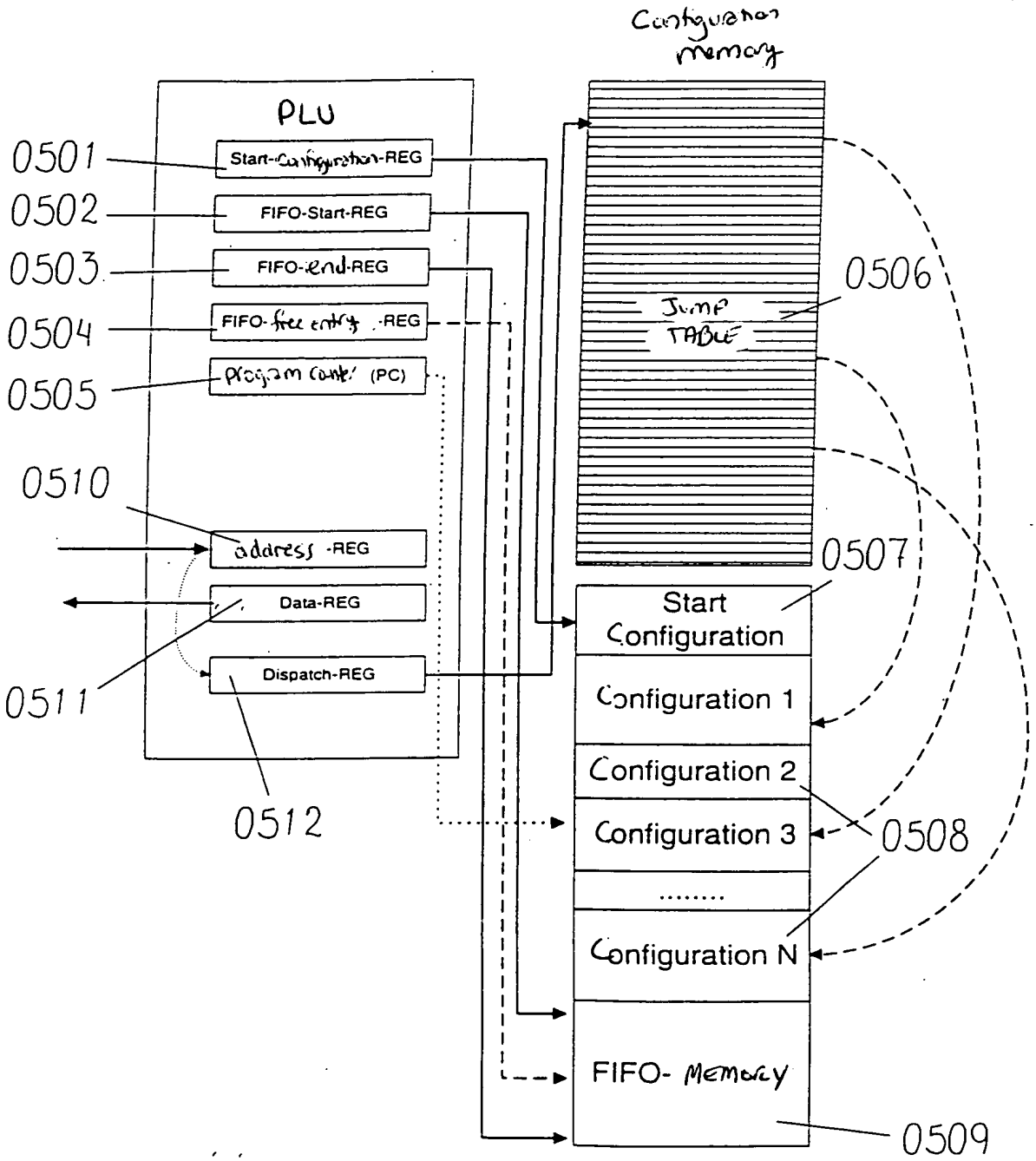

Fig. 5

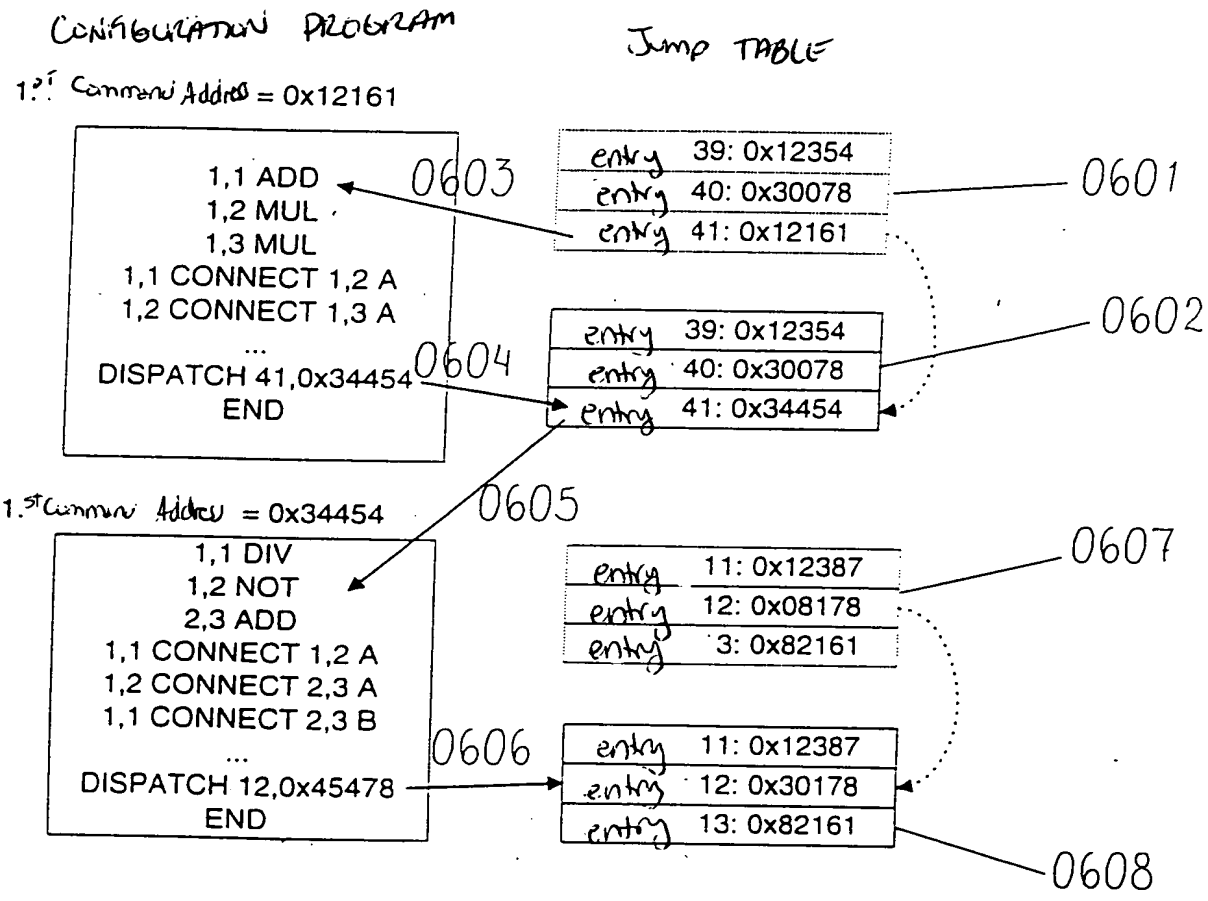
CONFIGURATION PROGRAM
1.st Command Address = 0x12161
1,1 ADD
1,2 MUL
1,3 MUL
1,1 CONNECT 1,2 A
1,2 CONNECT 1,3 A
...
DISPATCH 41,0x34454
END
0603
0604
JUMP TABLE
entry 39: 0x12354
entry 40: 0x30078
entry 41: 0x12161
0601
entry 39: 0x12354
entry 40: 0x30078
entry 41: 0x34454
0602
1.st Command Address = 0x34454
0605
1,1 DIV
1,2 NOT
2,3 ADD
1,1 CONNECT 1,2 A
1,2 CONNECT 2,3 A
1,1 CONNECT 2,3 B
...
DISPATCH 12,0x45478
END
0606
entry 11: 0x12387
entry 12: 0x08178
entry 3: 0x82161
0607
entry 11: 0x12387
entry 12: 0x30178
entry 13: 0x82161
0608

Fig. 6